

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: **Hidetoshi NAKATA, et al.**

Serial Number: **Not Yet Assigned**

Filed: **October 6, 2003**

For: **LIQUID CRYSTAL COMPOSITION AND LIQUID CRYSTAL DISPLAY ELEMENT**

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

October 6, 2003

Sir:

In compliance with 37 CFR 1.56, Applicants call to the attention of the Patent and Trademark Office the references listed on the attached PTO-1449.

A copy of each of the references, except for the U.S. patent references, are enclosed herewith.

In the event there are any fees due in connection with the filing of this paper, please charge Deposit Account No. 01-2340.

Respectfully submitted,

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PATENT TRADEMARK OFFICE

Enclosures: PTO-1449; References (7)

<b>INFORMATION DISCLOSURE STATEMENT PTO-1449</b>	Atty. Docket No. <b>031740</b>		Serial No. <b>New Application</b>	
	Applicant(s): <b>Hidetoshi NAKATA, et al.</b>			
	Filing Date: <b>October 6, 2003</b>		Group Art Unit: <b>Not Yet Assigned</b>	

### U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
_____	AA	4,264,148	A. Göbl-Wunsch et al.			04/28/81
_____	AB	5,858,271	Y. Sekiguchi et al.			01/12/99
_____	AC					

### FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Translation (Yes or No)	
_____	AD	63-51359	03/04/88	Japan	Yes-Abstract/Discussed in the specification
_____	AE	6-265899	09/22/94	Japan	Yes-Abstract/Discussed in the specification
_____	AF	55-38869	03/18/80	Japan	No/Discussed in the specification/Corresponds to USP 4264148.
_____	AG	7-258641	10/09/95	Japan	Yes-Abstract/Discussed in the specification
_____	AH	WO97/29167	08/14/97	WO	Yes-Abstract/Discussed in the specification/Corresponds to USP 5858271.
_____	AI	11-323338	11/26/99	Japan	Yes-Abstract/Discussed in the specification
_____	AJ	11-305187	11/05/99	Japan	Yes-Abstract/Discussed in the specification

### OTHER DOCUMENTS

_____	AJ	
_____	AK	
Examiner		
Date Considered		